

## EIF4G2

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:1000 IHC 1:100 - 1:200

**Calculated MW:**102kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human EIF4G2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

j

**Synonym:**

P97;AAG1;DAP5;NAT1;

**Catalog #:**A2897

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**1982

**Isotype:**IgG

**Swiss Prot:**P78344

**Purity:**Affinity purification

For research use only.

**Background:**

Translation initiation is mediated by specific recognition of the cap structure by eukaryotic translation initiation factor 4F (eIF4F), which is a cap binding protein complex that consists of three subunits: eIF4A, eIF4E and eIF4G. The protein encoded by this gene shares similarity with the C-terminal region of eIF4G that contains the binding sites for eIF4A and eIF3; eIF4G, in addition, contains a binding site for eIF4E at the N-terminus. Unlike eIF4G, which supports cap-dependent and independent translation, this gene product functions as a general repressor of translation by forming translationally inactive complexes. In vitro and in vivo studies indicate that translation of this mRNA initiates exclusively at a non-AUG (GUG) codon. Alternatively spliced transcript variants encoding different isoforms of this gene have been described.

**To place an order, please [Click HERE](#).**